Index of Claims

Application/	Control	No.
--------------	---------	-----

Applicant(s)/Patent under Reexamination

10/711,448

Examiner

COWELCHUK ET AL. **Art Unit** 

Phung T. Nguyen

2612

Rejected **Allowed** 

-	(Through numeral) Cancelled
÷	Restricted

N	Non-Elected
Ī	Interference

A	Appeal
0	Objected

Teu   Fe   Fe   Fe   Fe   Fe   Fe   Fe				Final	51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69			
2 0 3 0 4 0 5 0 6 0 7 0 8					53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69			
3 0 4 0 5 0 6 0 7 0 8 V 9 V 10 V 11 V 12 V 13 0 14 0 15 V 16 0 17 0 18 0 19 V 20 V 21 22 23 24 25 26 27 28 29 30 31 31 32 33 34 35 36 37 38 39 40 40 41					53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69			
4 0 5 0 6 0 7 0 6 0 7 0 0 8 V 9 V 10 V 11 V 12 V 13 0 14 0 15 V 16 0 17 0 0 18 0 19 V 10 V 11 V 12 V 12 V 13 0 18 0 19 V 12 V					54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69			
5 0 6 0 7 0 8 V 9 V 9 V 9 V 9 V 9 V 9 V 9 V 9 V 9 V					55 56 57 58 59 60 61 62 63 64 65 66 67 68 69			
6 0 7 0 8 V 9 V 10 V 11 V 12 V 13 0 14 0 15 V 16 0 17 0 18 0 19 V 19					56 57 58 59 60 61 62 63 64 65 66 67 68 69			
7 0 8 V 9 V 10 V 10 V 11 V 12 V 13 0 V 14 0 V 15 V 16 0 V 17 0 V 18 0 V 19 V 10 V 19 V 10 V 10 V 10 V 10 V					57 58 59 60 61 62 63 64 65 66 67 68			
8					58 59 60 61 62 63 64 65 66 67 68 69			
9  \( \) 10  \( \) 11  \( \) 12  \( \) 13  \( \) 0  \( \) 13  \( \) 14  \( \) 0  \( \) 15  \( \) 16  \( \) 0  \( \) 17  \( \) 0  \( \) 18  \( \) 0  \( \) 17  \( \) 18  \( \) 0  \( \) 17  \( \) 18  \( \) 20  \( \) 21  \( \) 21  \( \) 22  \( \) 23  \( \) 24  \( \) 25  \( \) 26  \( \) 27  \( \) 28  \( \) 29  \( \) 30  \( \) 31  \( \) 32  \( \) 33  \( \) 34  \( \) 35  \( \) 36  \( \) 37  \( \) 38  \( \) 39  \( \) 40  \( \) 41  \( \)					59 60 61 62 63 64 65 66 67 68 69			
10  \( \frac{1}{3} \) 11  \( \frac{1}{3} \) 13  \( 0 \) 14  \( 0 \) 15  \( \frac{1}{3} \) 16  \( 0 \) 17  \( 0 \) 18  \( 0 \) 19  \( \frac{1}{3} \) 20  \( \frac{1}{3} \) 21  \( \frac{2}{3} \) 24  \( \frac{2}{3} \) 24  \( \frac{2}{3} \) 25  \( \frac{2}{3} \) 26  \( \frac{2}{3} \) 27  \( \frac{2}{3} \) 28  \( \frac{2}{3} \) 29  \( \frac{3}{3} \) 30  \( \frac{3}{3} \) 31  \( \frac{3}{3} \) 32  \( \frac{3}{3} \) 33  \( \frac{3}{3} \) 34  \( \frac{3}{3} \) 35  \( \frac{3}{3} \) 36  \( \frac{3}{3} \) 37  \( \frac{3}{3} \) 38  \( \frac{3}{3} \) 39  \( \frac{4}{0} \) 40  \( \frac{4}{1} \)					60 61 62 63 64 65 66 67 68 69			
11  \( \)					61 62 63 64 65 66 67 68 69			
12  \( \)					62 63 64 65 66 67 68 69			
13 0 14 0 15 √ 16 0 17 0 18 0 19 √ 20 √ 21 22 23 24 25 26 27 28 29 30 31 31 32 33 34 35 36 37 38 39 40 41					63 64 65 66 67 68 69			
14 0 15 \( \sqrt{1} \) 16 0 17 0 18 0 19 \( \sqrt{1} \) 20 \( \sqrt{1} \) 21 22 23 24 25 26 26 27 28 29 30 31 31 32 33 34 35 35 36 37 38 39 40 40 41					64 65 66 67 68 69			
15 V 16 0 17 0 18 0 19 V 20 V 21					65 66 67 68 69			
16 0 17 0 18 0 19 \land 1 20 \land 1 21 22 23 24 25 26 27 28 29 30 30 31 31 32 33 34 35 36 37 38 39 40 40 41					66 67 68 69			
17 0 18 0 19 V 20 V 21 22 23 24 25 26 27 28 29 30 31 31 32 33 34 35 36 37 38 39 40 41					67 68 69			L
18 0 19 \land 1 20 \land 1 21   22   23   24   25   26   27   28   29   30   31   32   33   34   35   36   37   38   39   40   41   41   41   41   41   41   41					68 69		╁┤	
19 \( \) 20 \( \) 21 \\ 22 \\ 23 \\ 24 \\ 25 \\ 26 \\ 27 \\ 28 \\ 29 \\ 30 \\ 31 \\ 32 \\ 33 \\ 34 \\ 35 \\ 36 \\ 37 \\ 38 \\ 39 \\ 40 \\ 41 \\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \					69			
20 V 21 21 22 23 24 25 26 27 28 29 30 31 31 32 33 34 35 36 37 38 39 40 41					1 00 1	- 1	11	_
21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40					70		+	-
22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41					71		+	-
23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41			- 1		72		+	
24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40			$\dashv$		73	$\top$	$\vdash$	$\vdash$
25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41			$\neg$		74	$\top$	$\top$	-
26 27 28 29 30 31 32 33 34 35 36 37 38 39 40	1		$\neg$		75		$\vdash$	_
27 28 29 30 31 32 33 34 35 36 37 38 39 40 41			$\neg$		76		$\Box$	_
28   29   30   31   32   33   34   35   36   37   38   39   40   41   41			7		77	$\neg \vdash$	$\top$	
30 31 32 33 34 35 36 37 38 39 40 41					78		П	
31 32 33 34 35 36 37 38 39 40 41			T)		79	Ŧ	$\Box$	
32 33 34 35 36 37 38 39 40 41					80		$\sqcap$	
33 34 35 36 37 38 39 40 41					81		$\Box$	
34 35 36 37 38 39 40 41					82			
35 36 37 38 39 40 41					83			
36 37 38 39 40 41	$\perp$	$\bot\bot$	_		84			
37 38 39 40 41	$\perp$		_		85		$\perp$	
38 39 40 41	+	+	_	L	86	$\bot$	$\perp \perp$	L
39 40 41			_	<u> </u>	87	_ _	4-4	
40	- - -	-	4		88	_	+	_
41		$\dashv$	$\dashv$	<u> </u>	89	_	+	L
	++	++		$\vdash$	90	-	+	-
1 1/2	$\dashv +$	$\dashv$		-	91		+	-
42 43		+	$\dashv$	$\vdash$	92 93	+	+	_
44	7 7	$\dashv$	$\dashv$	$\vdash$	94	+	+	_
45		++	$\dashv$	-	95	+	+	_
46			$\dashv$		96	+	+	_
47		1 1	$\dashv$	-	97	+	++	-
48		┵			98	$\dashv$	+	<del> </del>
49		+	_		99	+	+	
50			$\exists$		100	-+	$\vdash$	Н

Cla	im	Г				Date				
<u> </u>		-	Г	Γ.	$\overline{}$		Ť	_	$\overline{}$	$\overline{}$
Final	Original									
	51 52									
	52									
	53									
	54	_	-	_	┪	Т		$\vdash$		-
	54 55	_	$\vdash$	$\vdash$	┢	┢	$\vdash$	-	-	┢
	56		┢	-	H	┢	-	$\vdash$		┢
	57	$\vdash$	┢	-	┝	$\vdash$	┢	-	-	⊢
-	58	$\vdash$	┢	$\vdash$	┢╌	├─	$\vdash$	┢	H	H
<b>—</b>	59	$\vdash$	-	-	┝	┢	-	⊢		┢
	60	$\vdash$		$\vdash$	-	<del>                                     </del>	$\vdash$	┢	-	H
	61	_			$\vdash$	┢	$\vdash$	$\vdash$		$\vdash$
	62	-	<del>                                     </del>	┢	┢	┢	-	$\vdash$	H	⊢
	63	<del>                                     </del>	<del>                                     </del>	_	$\vdash$	一	$\vdash$	Н		一
	64	$\vdash$	$\vdash$	<del>                                     </del>	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$
	65		Г	<del>                                     </del>	$\vdash$	$\vdash$	H	$\vdash$		Г
	66	Т	<del>                                     </del>	T	Г	Г	T			Г
	67		<del>                                     </del>			Г				
	68									
	69	$\Box$					Г	$\vdash$	П	Г
	70					$\Box$		П		Г
	71 72					Г		Г		
	72									
	73									
	74			_	_			L		L
	75	_	_	_	_	ļ_	_	<u> </u>	_	_
ļ	76	<u> </u>	┡	<u> </u>	⊢	┡	<u> </u>	<u> </u>	_	<u> </u>
-	77	-	⊢	⊢	├-	-	-	<u> </u>	-	┝
-	78 79	<u> </u>	-	⊢		<del> </del>		<u> </u>		<u> </u>
	80	-	-	├	$\vdash$	_	-	_	$\vdash$	-
	81	-	-	⊢	┝		-	_	H	⊢
	82	-	-	┢╾	_	⊢	⊢	-	├	
$\vdash$	83	_		┝	-	-	-	-	$\vdash$	⊢
	84	$\vdash$	$\vdash$	⊢	$\vdash$	-	$\vdash$	$\vdash$	┝	$\vdash$
-	85		├	╁	$\vdash$		-	-	$\vdash$	$\vdash$
-	86	-	<del>                                     </del>	╁╌	$\vdash$	-	$\vdash$	$\vdash$	$\vdash$	┢
	87	-		┢	$\vdash$	$\vdash$	-	$\vdash$	$\vdash$	$\vdash$
	88	$\vdash$	$\vdash$	$t^-$	$\vdash$	$\vdash$	┢	┢	$\vdash$	一
	89	_	<del>                                     </del>	T	$\vdash$		_	$\vdash$		$\vdash$
	90	_	T	$I^-$		$\vdash$		$\vdash$		$\vdash$
	91	_	Г	Г		$\Box$				$\vdash$
	92		L			Ĺ				
	93									
	94									
	95		$oxedsymbol{oxed}$							
<u> </u>	96	_	$ldsymbol{ldsymbol{ldsymbol{eta}}}$	L.	L.	$ldsymbol{ldsymbol{ldsymbol{ldsymbol{eta}}}$	L		L	L
	97	_	<u> </u>	$\vdash$	<u> </u>	$\vdash$				L
-	98	H	<u> </u>	<u> </u>	<u> </u>	<b> </b>	<u> </u>		Ш	<u> </u>
<b>—</b>	99	-	$\vdash$	⊢-	$\vdash$	┡	<u> </u>	<u> </u>		$\vdash$
1	100			ı	1				1	ı

Cla	Date									
Final	Original								:	
	101									
	102									
	103	_	<u> </u>	_		_	_	_		
	104 105	-		-		<u> </u>	⊢	H	$\vdash$	$\vdash$
	106	-	<u></u>	-		-	$\vdash$			H
	107	$\vdash$	H		-	┢	-			$\vdash$
	108		$\vdash$			$\vdash$	_			
	109						$\vdash$			
	110 111									
	111					_				
	112	$\vdash$	_	$\vdash$	_	<u> </u>	$\vdash$	$\vdash$	$\vdash$	Щ
	113 114 115	<u> </u>	<u> </u>	L	<u> </u>	<u> </u>	<u> </u>	H	$\vdash$	$\vdash \vdash$
	114	$\vdash$	-	$\vdash$	$\vdash$		├─	$\vdash$	$\vdash$	H
	116	_	$\vdash$	$\vdash$	<u> </u>	_	$\vdash$		H	$\vdash$
	117			$\vdash$		$\vdash$			$\vdash$	
	118									
	119									
	120									
	121 122 123	<u> </u>	L	_	_		<u> </u>	_	_	Ш
	122	ļ	ļ	<u> </u>	<u> </u>	<u> </u>		<u> </u>	_	Ш
	123	<u> </u>	_	<u> </u>	├			┝	-	Н
	125	$\vdash$	$\vdash$	$\vdash$	├	-	$\vdash$	⊢	-	Н
	126	$\vdash$	-	┢		$\vdash$	$\vdash$	$\vdash$	$\vdash$	Н
	127				_			$\vdash$	Т	Н
	124 125 126 127 128 129 130									
	129									
	130					<u> </u>	_	Ш		Щ
	131	<u> </u>	_	<u> </u>		<u> </u>	<u> </u>			$\vdash$
	132 133		_	$\vdash$	-	-	-	-		$\vdash \vdash$
	134	-	-	-	_	├	$\vdash$			Н
	135		<u> </u>		$\vdash$	-	<u> </u>		┢	Н
	135 136 137					_				$\Box$
	137									
	138 139				L	L_				
	139	<u> </u>	_	_	_	<u> </u>	_			
	140 141	-	_		<u> </u>	<u> </u>	$\vdash$	$\vdash$	-	$\vdash \vdash$
	141	-	—	-	-	<u> </u>	-	-	-	H
	143			$\vdash$	Н	H	$\vdash$	Н	⊢	$\vdash$
	144		_	H	Г	Т	$\vdash$	П	H	H
	145									
	146									
	147									
	148			$ldsymbol{ldsymbol{ldsymbol{eta}}}$	L_		_	L		Ш
	149	_		_	H		_		_	Щ
L	150		L.	L	L			L		L